Technical sheet:

MLT 730-115 V CP ST4





Capacities		Metric	Imperial
Max. capacity	Q	3000 kg	6614 lb
Max. lifting height	h3	6.85 m	22 ft 6 in
Max. outreach		4.30 m	14 ft 1 in
Reach at max. height		1.50 m	4 ft 11 in
Breakout force with bucket		5840 daN	5840 daN
Veight and dimensions			
Jnladen weight (with forks)		6910 kg	15234 lb
Ground clearance	m4	0.28 m	11 in
Vheelbase	У	2.69 m	8 ft 10 in
Overall length to carriage (with hitch)	l11	5.08 m	16 ft 8 in
Front overhang		1.55 m	5 ft 1 in
Overall width	b1	2.06 m	6 ft 9 in
Overall cab width	b4	0.95 m	3 ft 1 in
Overall height	h17	2.14 m	7 ft
Filt-down angle	a5	133 °	133 °
Filt-up angle	a4	13 °	13 °
External turning radius (over tyres)	Wa1	3.65 m	12 ft
Standard tires		Alliance - A580 - 400/70 R20 149A8	Alliance - A580 - 400/70 R20 149A8
Orive wheels (front / rear)		2/2	2/2
Steering wheels (front / rear)		2 / 2	2/2
Performances			
ifting		7.40 s	7.40 s
Lowering		5.70 s	5.70 s
Extension		6.20 s	6.20 s
Retraction		3.40 s	3.40 s
Crowd		3.40 s	3.40 s
Dump		2.70 s	2.70 s
Engine			
Engine brand		Deutz	Deutz
Engine norm		Stage IV	Stage IV
Engine model		TCD 3.6 I	TCD 3.6 I
Number of cylinders - Capacity of cylinders		4 - 3621 cm ³	4 - 221 in³
.C. Engine power rating / Power		116 Hp / 85 kW	116 Hp / 85 kW
Max. torque / Engine rotation		460 Nm @1600 rpm	339 ft/lbs @1600 rpm
Orawbar pull (Laden)		6540 daN	6540 daN
Reversible fan		Standard	Standard
Engine cooling system		3 radiators water + intercooler + hydraulic oil	3 radiators water + intercooler + hydraulic oil
Fransmission			
Fransmission type		M-Varioshift	M-Varioshift
Number of gears (forward / reverse)		2 / 2	2 / 2
Max. travel speed (may vary according to applicable regulations)		38 km/h	24 mph
Differential lock		Limited slip differential on front axle	Limited slip differential on front axle
Parking brake		Manual	Manual
Service brake		Oil-Immersed multi-discs braking on front axles	Oil-Immersed multi-discs braking on front axles
-lydraulics			
-lydraulic pump type		Gear pump	Gear pump
Hydraulic flow - Pressure		104 l/min - 250 bar	27 US gpm - 3626 PSI
Flow sharing distributor		Option	Option
Tank capacities			
lydraulic oil		94 I	25 US gal
- Tuel tank		78 I	21 US gal
Diesel Exhaust fluid (AdBlue® type)		13 I	3 US gal
Noise and vibration			
Noise at driving position (LpA) tested following NF EN 12053 norm		74 dB	74 dB
Noise to environment (LwA)		105 dB	105 dB
/ibration to whole hand/arm		< 2.50 m/s ²	< 2.50 m/s²
Miscellaneous		2.00 1.170	2.00 11/0
Fractor homologation		Tractor homologation	Tractor homologation
Safety cab homologation		ROPS - FOPS level 2 cab	ROPS - FOPS level 2 cab
Controls		JSM	JSM

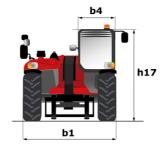
Options / Finishing

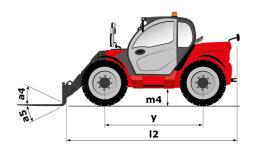
S: Standard / O: Optional / -: Not available

	Classic	Premium	Elite
Lifting function			
Easy Connect System (ECS)	S		S
Electrovalve for 2 hydraulic functions (on boom head)	0	0	0
Hydraulic attachment locking	0	0	0
Return pipe to hydraulic oil tank	0	0	0
Operator station			
"Active CRC" boom suspension	0	0	S
Air conditioning with automatic adjustment	0	0	S
Air conditioning with manual adjustment	0	S	
Air suspension cloth-covered seat (GRAMMER)	0	S	
Automatic wheel alignment	0	0	S
Bluetooth USB car radio with extra microphone (100 W)	0	0	S
Bluetooth USB car radio with integrated microphone (100 W)	0	S	
Electric mirror with de-icing	0	0	S
Extra front wiper	0	S	S
Harmony screen	S	S	-
Low frequency air suspension cloth-covered seat with heating	0	0	0
Mechanical cloth-covered seat (GRAMMER)	S		-
Tuner car radio (50 W)	S		
Vision screen 7"	0	0	S
Motorization/Power			
Continuous flow hydraulics	0	0	S
Hand throttle	0	0	S
Self cleaning air prefilter	S	S	S
Secondary functions			
1 pair of pre-fitted Double Action rear hydraulic couplers	0	0	0
Additional fuel tank	0		-
Additional fuel tank (42 I)	0	S	S
Automatic rotating towing hitch on counterweight	0	0	0
Hydraulic pick-up hitch - low position	0	0	0
Hydraulic trailer brake	S	S	S
Ladder hitch with choice of hooks	0	0	0
Manual rotating towing hitch	S	S	S
Lighting			
Boom Work Lights (on fixed part) (x2)	0	0	0
Flat grid (- 2 cm overall height)	0	0	0
Front and rear LED work lights on cab (x4: 2 front + 2 rear)	0	S	S
Front and rear work lights on cab (x4)	S		
LED + (4 additional work lights)	0	0	0
Security			
Audio warning on reverse	0	0	0

MLT 730-115 V CP ST4 - Dimensional drawing











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